

**CURRICULUM VITAE**  
**01/19/2006**

**NAME:** Ruth Cramer

**POSITION:** Forensic Scientist 1

**EMPLOYER:** Washington State Patrol  
Impaired Driving Section  
222 Tumwater Blvd, Bldg 16  
Tumwater, WA 98504-2640  
Phone: (360) 586-1516

**EDUCATION:**

Degree	Major	University/Year
Bachelor of Science	Forensic Chemistry/Toxicology	West Chester Univ. /1987

**WORK EXPERIENCE**

Nassau County Police Department Crime Lab	01/1987-06/1987 Internship
Nassau County Public Works	06/1987-10/1987
New York Environmental Testing	10/1987-12/1987
Washington State Patrol	01/1988-present

**PROFESSIONAL TRAINING**

**DATE COMPLETED**

Breathalyzer Operator	01/22/1988
Breathalyzer Technician	02/05/1988
Breathalyzer Instructor	02/11/1988
Datamaster Operator	02/04/1988
Datamaster Solution Changer	07/31/1990
Refresher	12/17/1992
Refresher	06/01/1995
Datamaster Instructor	03/01/1988
Refresher	08/11/1988
Refresher	10/11/1990
Refresher	12/16/1992
Refresher	06/01/1995
Datamaster Technician	05/27/1988
Refresher	09/26/1991
Refresher	05/26/1994
Refresher	08/15/1996
Refresher	09/16/1997
Refresher	09/04/1998 (16)
Refresher	09/10/1999 (16)
Refresher	09/13/2000 (16)
Refresher	09/07/2001 (16)
Refresher	09/06/2002 (16)
Refresher	09/05/2003 (16)
Refresher	06/25/2004 (32)
Refresher	06/28/2005 (8)

**PROFESSIONAL TRAINING (continued)****DATE COMPLETED**

Electronics Training	05/27/1988
Infrared Spectroscopy by Dr. Suzuki	05/20/1988
Highway Safety Programs by Dr. Borkenstein et al	03/25/1988
Gaze Nystagmus: Improved Sobriety Testing	11/03/1988 (8)
Enforcement of DWI Laws in Sweden: Blood and Breath Alcohol Testing for Legal Purposes by Dr. A.W. Jones	05/26/1992
National Patent Analytical Systems Inc.	07/20/1994
	05/21/1996 (8)
	11/08/2000 (8)
	06/25/2004 (27)
Specialized Training for Law Enforcement on the New DUI Law	08/24/1995 (3)
1999 DUI Laws from Arrest to Sentencing and Beyond...	11/05/1998 (3)
Validation of Field Sobriety Tests at 0.05 and 0.08, and Effects of Low Levels of Alcohol and Driving - Dr. Marcelline Burns	11/16/1998 (3)
1999 DUI Laws Affecting Law Enforcement - Train the Trainer	11/30/1998 (5)
Blood Alcohol Analyst Permit	01/30/2003

**PROFESSIONAL MEMBERSHIPS**

Northwest Association of Forensic Scientists  
International Association for Chemical Testing